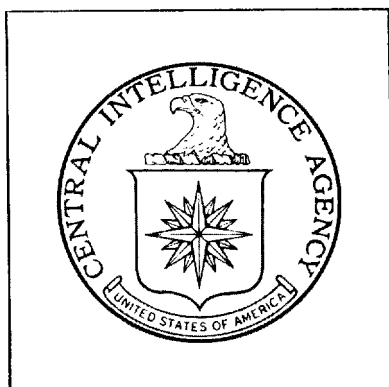


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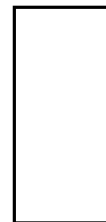
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Imagery Analysis Report

Zimenki Space Tracking Station
Gorkiy, USSR

Declass Review by
NIMA/DOD

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IMAGERY ANALYSIS

October 1967

ZIMENKI SPACE TRACKING STATION

GORKIY, USSR

SUMMARY

This report is one in a series of studies covering seven selected astronomical observatories within the USSR. The Zimenki Space Tracking Station is a relatively small facility under the Scientific Research Institute of Radiophysics in Gorkiy. It consists of two radiotelescopes with 50-foot-diameter parabolic antennas capable of both space tracking and radioastronomical observations.

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DISCUSSION

The Zimenki Space Tracking Station of the Scientific Research Institute of Radiophysics is located at 56-09N 44-17E, on the south bank of the Volga River approximately 13 nautical miles southeast of Gorkiy, USSR (Figure 1). The station has facilities for radioastronomical observations as well as satellite tracking.

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Figures 2 and 3 show the station as it appeared on [redacted] Missions [redacted] Figures 5a and 5b are ground views showing details of radiotelescopes at the space tracking station [redacted]

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The following annotations and information presented on Table 1 are keyed to the line drawing (Figure 4) which is based on photography of [redacted]

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1. Instrumentation Building
2. Radiotelescope #1 - parabolic antenna (50-foot diameter)
3. Radiotelescope #2 - parabolic antenna (50-foot diameter)
- 4-10. Support/Instrumentation Buildings
- 11-12. Outline Undefined.

Analysis of photography [redacted] revealed no significant changes in the station. Ground scarring was observed east-southeast of Radiotelescope #1 on coverage of [redacted]

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[redacted] The latest usable coverage, [redacted] was snow covered, and it provided no new information pertaining to the ground scarring.

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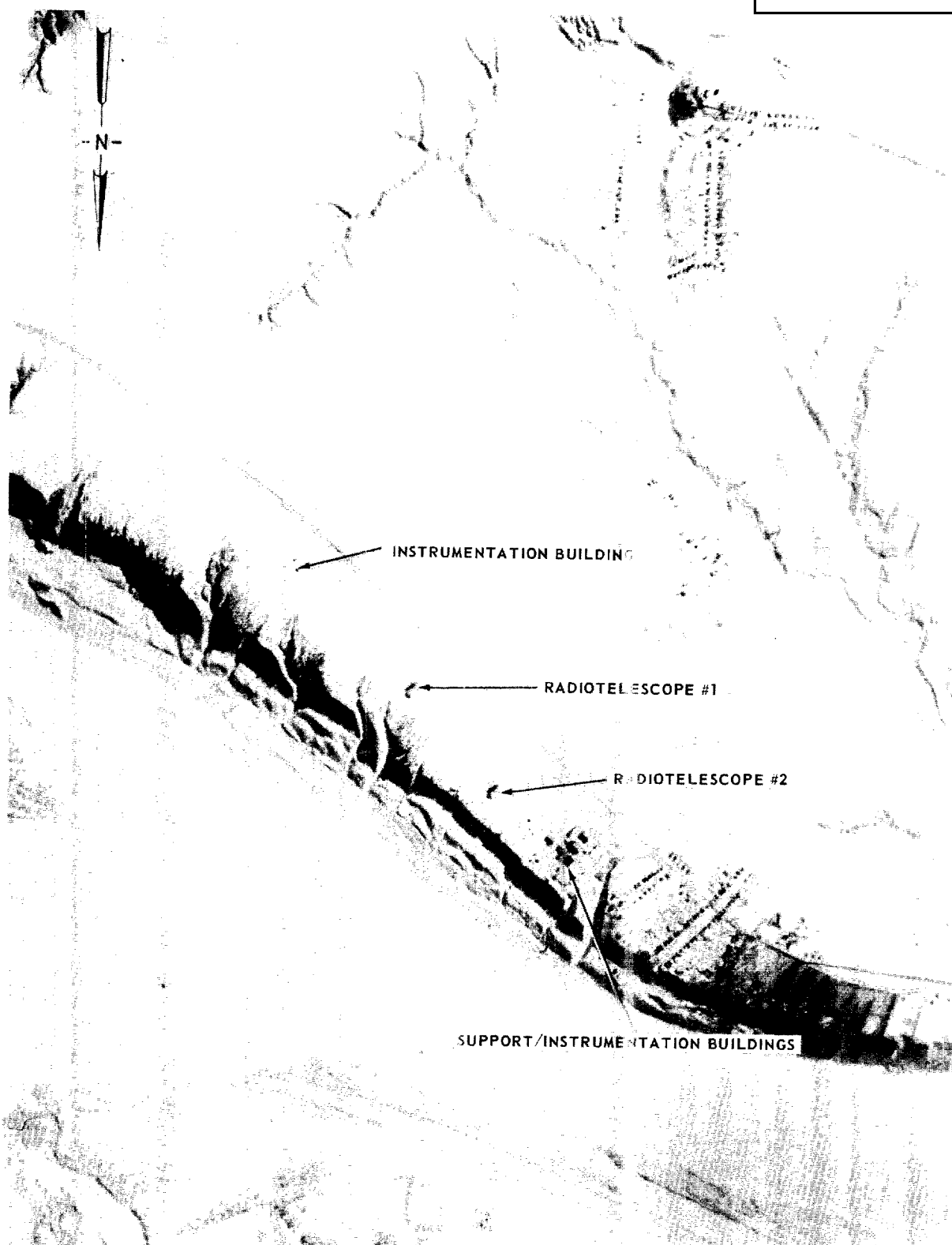


FIGURE 2. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR,

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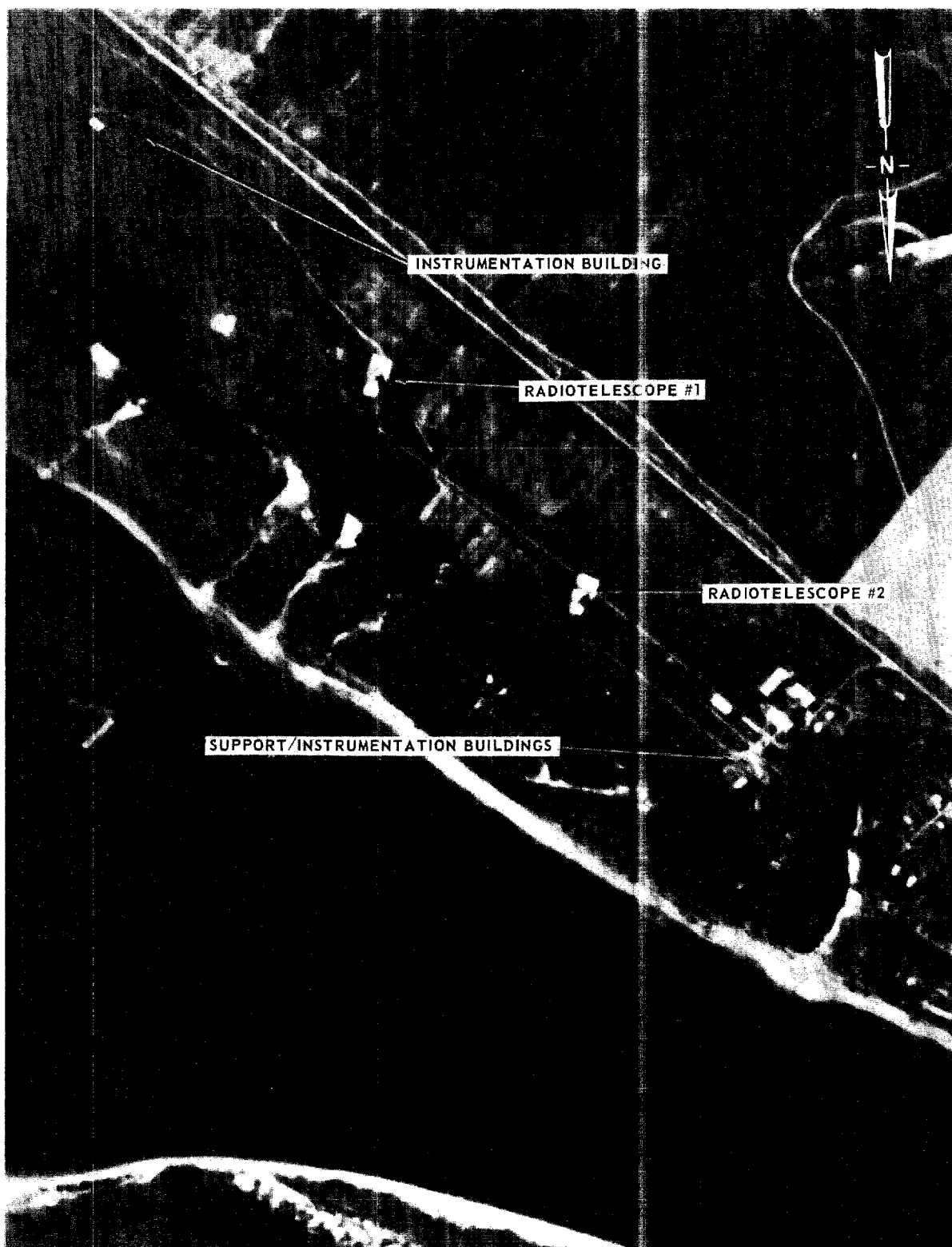


FIGURE 3. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR.

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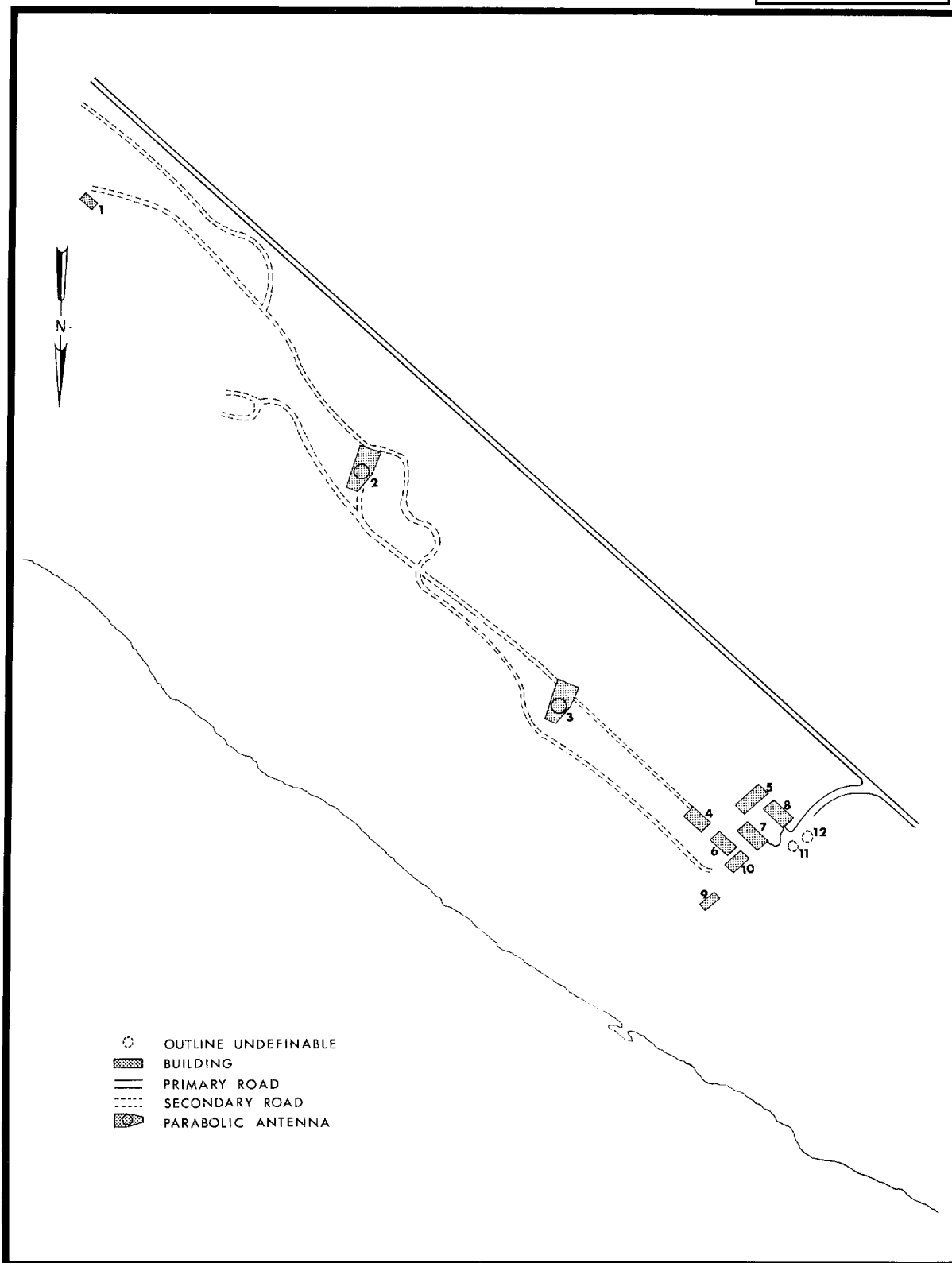


FIGURE 4. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR, LINE DRAWING

-7-

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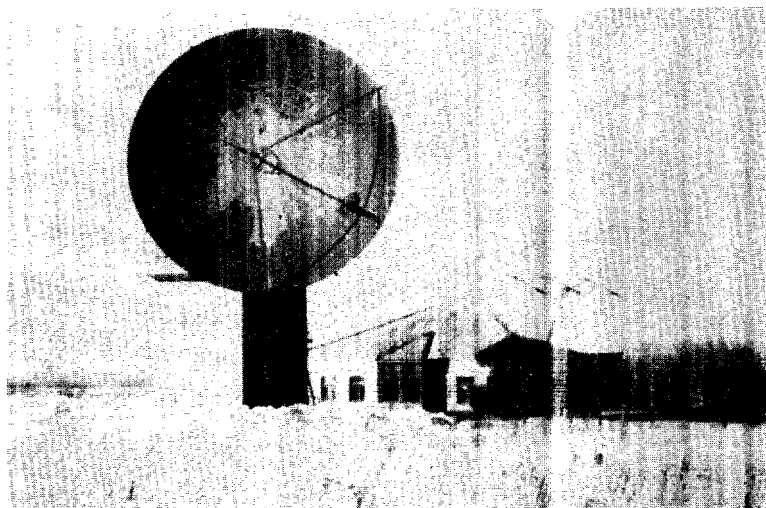


FIGURE 5A. RADIOTELESCOPE

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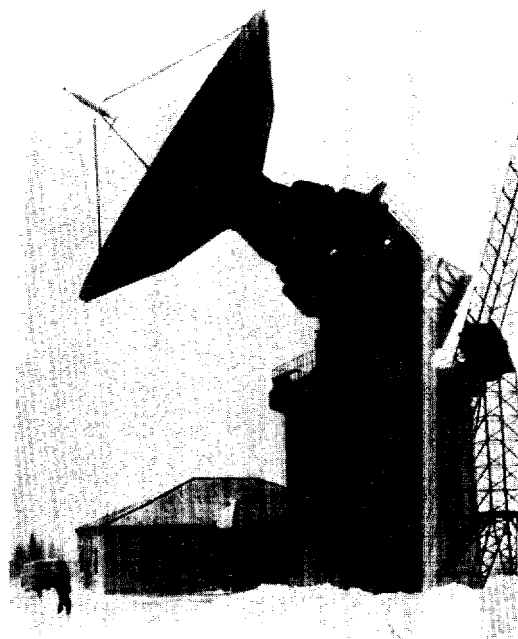


FIGURE 5B. RADIOTELESCOPE

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FIGURE 5. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR

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REFERENCES

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Maps and Charts

8th RTS, US Air Target Chart, Series 200, Sheet 0155-21HL,
Scale 1:200,000, 2nd Edition, February 1963 (SECRET)

Requirement

C-SI6-84,156

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